

where an increase in flood heights on upstream adjoining properties is unlikely to result from the lack of maintenance of the storm sewer.

5. Runoff Rate Reduction

In addition to other applicable Runoff Control Performance Standards, the following requirements apply to all regulated development required to provide stormwater storage.

a. Stormwater Storage Requirements

(1) Stormwater storage shall be required for a regulated development that creates 20,000 square feet or more new impervious area, unless the conditions of i, ii, or iii are met:

i. 1.0 acre or less of new impervious area is created; and

(a) The total impervious area including the proposed development would not exceed 10% of the contiguous property; and

(b) The applicant demonstrates to the satisfaction of the Enforcement Officer that there is adequate downstream stormwater capacity and the development shall not result in flood damage; or

ii. The total impervious area including the proposed development would not exceed 5% of the contiguous property; and

(a) An agricultural conservation easement or other conservation easement is recorded over sufficient undeveloped area that the total impervious area may not exceed 5% of the contiguous property. The easement shall be granted to McHenry County or a Certified Community. The easement may be temporary, but the term of the easement shall run until the stormwater storage waiver is no longer necessary, for reasons such as the removal of new impervious area or the installation of a stormwater management facility; and

(b) The applicant demonstrates to the satisfaction of the Enforcement Officer that there is adequate downstream stormwater capacity and the development shall not result in flood damage; or

iii. The regulated development is a Public Road Development and less than 1.5 acres of new impervious area is created.

(2) Linear impervious areas, such as a widened road, driveways and public recreational trails, which are less than 12.4 feet wide (1.5 acres per lineal mile) may be excluded when calculating the new impervious area to determine whether stormwater storage is required. This exclusion shall apply only when determining whether stormwater storage is required and not to the design of a stormwater management facility in cases where stormwater storage is required.